L Number	Hits	Search Text	DB	Time stamp
1	2	6652982.pn. or 6565672.pn.	USPAT;	2004/03/30 08:10
•	-		US-PGPUB	
2	16	(TBC or (thermal adj barrier adj coat\$3)	USPAT;	2004/03/30 08:17
_		or ((bond or aluminide or diffusion) near2	US-PGPUB	
		(coat\$3))) and ((Ta or tantalum) with		
		(refractory or phase or precipitate) with		. 1
_	100	(grain or boundary or boundaries))	USPAT;	2004/03/30 08:18
3	182	(TBC or (thermal adj barrier adj coat\$3) or ((bond or aluminide or diffusion) near2	US-PGPUB	2004/03/30 00:10
	,	(coat\$3))) and (Rene adj (N5 or "142"))	05 10105	
4	69	(TBC or (thermal adj barrier adj coat\$3)	USPAT;	2004/03/30 08:18
1	03	or ((bond or aluminide or diffusion) near2	US-PGPUB	
		(coat\$3))) and ((Rene adj (N5 or "142"))		
		with (Ta or tantalum))		
5	4	6572981.pn. or 6565672.pn. or 6340500.pn.	USPAT;	2004/03/30 08:41
		or 6482469.pn.	US-PGPUB	2004/03/30 00-41
6	3	(6572981.pn. or 6565672.pn. or 6340500.pn.	USPAT;	2004/03/30 08:41
		or 6482469.pn.) not (6652982.pn. or	US-PGPUB	
7	23	6565672.pn.) (Spitsberg.in. or GE.as. or (General adj	USPAT;	2004/03/30 08:46
'	23	electric).as.) and ((peen\$3 or recrystal\$9	US-PGPUB	
		or (re adj crystal\$7) or rotopeen\$3 or		
		flatten\$3) with ((aluminide or bond) near2		
		(coat\$3 or film or layer)))		
8	6	(Spitsberg or GE or (General adj	EPO; JPO;	2004/03/30 08:51
		electric)) and ((peen\$3 or recrystal\$9 or	DERWENT;	
ļ		(re adj crystal\$7) or rotopeen\$3 or	IBM_TDB	
		flatten\$3) with ((aluminide or bond) near2		
	2454	(coat\$3 or film or layer))) (427/250,252,255.11,255.15,255.7,596).CCLS.	USPAT;	2004/03/30 08:53
9	3454	(427/230,232,233.11,233.13,233.7,330).0003.	US-PGPUB	2004/03/30 00:33
10	1020	(427/290,355,367).CCLS.	USPAT;	2004/03/30 08:53
10	1020	(121/230/300/00//00231	US-PGPUB	
11	3262	(427/372.2,383.1,383.3,383.7,405).CCLS.	USPAT;	2004/03/30 08:53
			US-PGPUB	
12	310	(72/53).CCLS.	USPAT;	2004/03/30 08:53
			US-PGPUB	2004/03/30 08:54
13	1327	(416/241R,241B).CCLS.	USPAT; US-PGPUB	2004/03/30 08:34
111	8942	((427/250,252,255.11,255.15,255.7,596).CCLS		2004/03/30 08:54
14	0942	((427/290,355,367).CCLS.)	US-PGPUB	2001,00,00
	-	((427/372.2,383.1,383.3,383.7,405).CCLS.)		
		((72/53).CCLS.) ((416/241R,241B).CCLS.)	ļ	
15	4	((416/241R,241B).CCLS.) and	USPAT;	2004/03/30 08:54
		((72/53).CCLS.)	US-PGPUB	
16	3	(((427/250,252,255.11,255.15,255.7,596).CCL	SUSPAT;	2004/03/30 08:54
		or	US-PGPUB	
17	57	((427/372.2,383.1,383.3,383.7,405).CCLS.))	USPAT;	2004/03/30 08:54
17	3/	airfoil or aluminide or (bond adj (coat\$3	US-PGPUB	2501,05750 00.54
	1	or film or layer)))		
18	0	(((427/250,252,255.11,255.15,255.7,596).CCI	SEPO; JPO;	2004/03/30 08:55
		((427/290,355,367).CCLS.)	DERWENT;	
		((427/372.2,383.1,383.3,383.7,405).CCLS.)	IBM_TDB	
		((72/53).CCLS.) ((416/241R,241B).CCLS.))		
		and ((peen\$3 or rotopeen\$3 or shotpeen\$3		
		or recrystal\$9 or (re adj crystal\$7)) with		
		((aluminide or bond) near2 (coat\$3 or film		
19	25	or layer))) (((427/250,252,255.11,255.15,255.7,596).CCI	SUSPAT:	2004/03/30 08:56
1 2	23	((427/290,355,367).CCLS.)	US-PGPUB	
		((427/372.2,383.1,383.3,383.7,405).CCLS.)		
		((72/53).CCLS.) ((416/241R,241B).CCLS.))		
		and ((peen\$3 or rotopeen\$3 or shotpeen\$3		
		or recrystal\$9 or (re adj crystal\$7)) with		
		((aluminide or bond or NiAl or overlay or		
	1	diffusion) near3 (coat\$3 or film or	l	

layer)))

			IICDAM.	2004/03/30 08:57
20	29	(((427/250,252,255.11,255.15,255.7,596).CCLS ((427/290,355,367).CCLS.)	US-PGPUB	2004/03/30 08:37
		((427/372.2,383.1,383.3,383.7,405).CCLS.)	05 10105	·
		((72/53).CCLS.) ((416/241R,241B).CCLS.))		Į.
		and ((peen\$3 or rotopeen\$3 or shotpeen\$3		
	Į	or recrystal\$9 or (re adj crystal\$7) or		
		flatten\$3) with ((aluminide or bond or		Į.
	!	NiAl or overlay or diffusion) near3		<u> </u>
		(coat\$3 or film or layer))) ((((427/250,252,255.11,255.15,255.7,596).CC	GISDAT.	2004/03/30 08:57
21	4	(((427/250,252,253.11,253.15,253.7,596).ecc ((427/290,355,367).CCLS.)	US-PGPUB	2001,00,00
		((427/372.2,383.1,383.3,383.7,405).CCLS.)		
		((72/53).CCLS.) ((416/241R,241B).CCLS.))		
İ	į	and ((peen\$3 or rotopeen\$3 or shotpeen\$3		
		or recrystal\$9 or (re adj crystal\$7) or		
	<u> </u>	flatten\$3) with ((aluminide or bond or		
]		NiAl or overlay or diffusion) near3	0	
		(coat\$3 or film or layer)))) not	g \	
		((((427/250,252,255.11,255.15,255.7,596).CC ((427/290,355,367).CCLS.)	10.)	
		((427/372.2,383.1,383.3,383.7,405).CCLS.)		
		((72/53).CCLS.) ((416/241R,241B).CCLS.))		
1		and ((peen\$3 or rotopeen\$3 or shotpeen\$3		1
		or recrystal\$9 or (re adj crystal\$7)) with		
		((aluminide or bond or NiAl or overlay or		
		diffusion) near3 (coat\$3 or film or	HCDAM.	2004/03/30 08:58
22	59	[ayebine or airfoil or TBC or (thermal adj	USPAT; US-PGPUB	2004/03/30 00:30
		barrier adj coat\$3) or engine or superalloy or (super adj alloy)) and	OB IGIOD	i
		((peen\$3 or rotopeen\$3 or shotpeen\$3 or		
		recrystal \$9 or (re adj crystal \$7)) with		i
		((aluminide or bond or NiAl or overlay or		
		diffusion) near3 (coat\$3 or film or		
		layer)))		2004/02/20 00.50
23	71	(turbine or airfoil or TBC or (thermal adj	USPAT;	2004/03/30 08:59
		barrier adj coat\$3) or engine or	US-PGPUB	
		superalloy or (super adj alloy)) and ((peen\$3 or rotopeen\$3 or shotpeen\$3 or		!
		recrystal\$9 or (re adj crystal\$7) or		
		flatten\$3) with ((aluminide or bond or		<u> </u>
		NiAl or overlay or diffusion) near3		1
1		(coat\$3 or film or layer)))		
24	44		USPAT;	2004/03/30 08:59
		adj barrier adj coat\$3) or engine or	US-PGPUB	
		superalloy or (super adj alloy)) and ((peen\$3 or rotopeen\$3 or shotpeen\$3 or		
		recrystal\$9 or (re adj crystal\$7) or		
		flatten\$3) with ((aluminide or bond or		
		NiAl or overlay or diffusion) near3		
		(coat\$3 or film or layer)))) not	l	
		((((427/250,252,255.11,255.15,255.7,596).CC	Ls.)	
	1	((427/290, 355, 367).CCLS.)		*
		((427/372.2,383.1,383.3,383.7,405).CCLS.) ((72/53).CCLS.) ((416/241R,241B).CCLS.))		
		and ((peen\$3 or rotopeen\$3 or shotpeen\$3		
		or recrystal\$9 or (re adj crystal\$7) or		
		flatten\$3) with ((aluminide or bond or		
25	0	NiAalominvdeley biAdiffiesion(bondror	USOCR	2004/03/30 09:06
		diodatshort fielm 20xcdaysh)or film or		
		layer)) with (recrystal\$8 or (re adj		
	_	crystal\$8)))	USPAT;	2004/03/30 09:06
26	3	(((aluminide or NiAl) near2 (bond or diffusion) near2 (coat\$3 or film or	US-PGPUB	2004,03,30 03.00
		layer)) with (recrystal\$8 or (re adj		
		crystal\$8)))		
l		1		

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27	15	(turbine or airfoil or TBC or (thermal adj barrier adj coat\$3) or engine or superalloy or (super adj alloy)) and ((peen\$3 or rotopeen\$3 or shotpeen\$3 or	EPO; JPO; DERWENT; IBM_TDB	2004/03/30 09:07
		recrystal\$9 or (re adj crystal\$7)) same ((aluminide or bond or NiAl or overlay or diffusion) near3 (coat\$3 or film or		ļ
28	23	layer))) (((aluminide or NiAl) near2 (bond or diffusion) near2 (coat\$3 or film or layer)) with (heat\$3 or furnace or	EPO; JPO; DERWENT; IBM_TDB	2004/03/30 09:09
29	2	anneal\$3)) ((peen\$3 or rotopeen\$3 or shotpeen\$3 or recrystal\$9 or (re adj crystal\$7)) same	EPO; JPO; DERWENT; IBM TDB	2004/03/30 09:09
30	0	<pre>((diffusion adj aluminide))) ((cold adj work\$3) same ((diffusion adj aluminide)))</pre>	EPO; JPO; DERWENT; IBM TDB	2004/03/30 09:09
31	1	(turbine or airfoil or TBC or (thermal adj barrier adj coat\$3) or engine or superalloy or (super adj alloy)) and ((cold adj work\$3) with ((aluminide or bond or NiAl or overlay or diffusion)	EPO; JPO; DERWENT; IBM_TDB	2004/03/30 09:10
32	20	near3 (coat\$3 or film or layer))) ((427/290).ccls.) and ((aluminide or NiAl or bond) near2 (coat\$3 or film or layer))	USPAT; US-PGPUB	2004/03/30 09:10
33	17	(TBC or turbine or engine or airfoil or (thermal adj barrier adj coat\$3)) and (((aluminide or bond or NiAl or diffusion) near2 (coat\$3 or film or layer)) with	USPAT; US-PGPUB	2004/03/30 09:11
34	3	(grain near2 (diameter or size or small))) (TBC or turbine or engine or airfoil or (thermal adj barrier adj coat\$3)) and (((aluminide or bond or NiAl or diffusion) near2 (coat\$3 or film or layer)) with	EPO; JPO; DERWENT; IBM_TDB	2004/03/30 09:12
35	0	(grain near2 (diameter or size or small))) (TBC or turbine or engine or airfoil or (thermal adj barrier adj coat\$3)) and (((aluminide or bond or NiAl or diffusion) near2 (coat\$3 or film or layer)) with	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/30 09:12
36	6	(grain near5 (equiax\$5))) (TBC or turbine or engine or airfoil or (thermal adj barrier adj coat\$3)) and (((aluminide or bond or NiAl or diffusion) near2 (coat\$3 or film or layer)) same	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/03/30 09:12
37	51	(grain near5 (equiax\$5))) ((TBC or turbine or engine or airfoil or (thermal adj barrier adj coat\$3)) and (((aluminide or bond or NiAl or diffusion) near2 (coat\$3 or film or layer)) and (grain near5 (equiax\$5))) not ((TBC or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/30 09:13
38	28	(thermal adj barrier adj coat\$3) or superalloy) and (((aluminide or bond or	USPAT; US-PGPUB; EPO; JPO;	2004/03/30 09:14
		NiAl or diffusion) near2 (coat\$3 or film or layer)) with (flatten\$3 or remov\$4 or smooth\$3 or peen\$3) with (irregular\$6 or ridge\$2 or grain or boundar\$3)))	DERWENT; IBM_TDB	